

WHAT IS CLAIMED IS:

1. A photochromic synthetic resin object comprising a transparent synthetic resin material and at least one photochromic dye incorporated therein, wherein said photochromic synthetic resin object further comprises at least one contrast-increasing agent which absorbs light in the visible wavelength range from 380 nm to 500 nm such that when the at least one photochromic dye is in a lightened state, the photochromic synthetic resin object exhibits an average transmission of from 5% to 30% in the visible wavelength range from 380 nm to 500 nm.

2. A photochromic synthetic resin object according to claim 1, wherein in the lightened state of at least one photochromic dye, the photochromic synthetic resin object has an average transmission of at most 20% in the visible light region of 380 nm to 500 nm.

3. A photochromic synthetic resin object according to claim 2, wherein in the lightened state of at least one photochromic dye, the photochromic synthetic resin object has an average transmission of at most 10% in the visible light region of 380 nm to 500 nm.

4. A photochromic synthetic resin object according to claim 1, wherein the contrast-increasing agent comprises a coloring agent selected from the group consisting of pigments and organic dyes.

5. A photochromic synthetic resin object according to claim 1, wherein the contrast-increasing agent comprises a reflective or an absorbent coating.

6. A photochromic synthetic resin object according to claim 1, wherein the contrast-increasing agent comprises a coloring agent selected from the group consisting of pigments and organic dyes in combination with a reflective or absorbent coating.